

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT**

Docket Number:
11443/173

Serial No.
To be assigned

Filing Date
Herewith

Examiner
To be assigned

Art Unit
To be assigned

Invention Title
**ELECTROMECHANICAL DRIVER AND
REMOTE SURGICAL INSTRUMENT
ATTACHMENT HAVING COMPUTER
ASSISTED CONTROL CAPABILITIES**

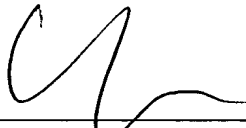
Inventors
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Commissioner for Patents
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1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 35 U.S.C. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant hereby brings the following references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).
2. Copies of each of the cited references listed on the modified PTO form 1449 are not enclosed. Copies of each of the references were previously provided in the following parent application: U.S. Patent Application Serial No. 09/510,927 and U.S. Patent Application Serial No. 09/324,452 (now Patent 6,443,973).

Dated: 20 Jan 2004

By:


Michelle M. Carniaux, Reg. No. 36,098

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	ATTY. DOCKET NO. 11443/173	SERIAL NO. To be assigned
	APPLICANT Michael Whitman	
	FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	Des. 357,535	Apr. 18, 1995	Grant et al.			
	1,881,250	Oct. 4, 1932	Tomlinson			
	3,079,606	Mar. 5, 1963	B.S. Bobrov et al.			
	3,193,165	July 6, 1965	Akhalaya et al.			
	3,256,875	June 21, 1966	Tsepelev et al.			
	3,388,847	June 18, 1968	Kasulin et al.			
	3,490,675	Jan. 20, 1970	D.T. Green et al.			
	3,494,533	Feb. 10, 1970	D.T. Green et al.			
	3,552,626	Jan. 5, 1971	Astafiev et al.			
	3,568,659	Mar. 9, 1971	Karnegis			
	3,618,842	Nov. 9, 1971	Bryan			
	3,662,939	May 16, 1972	Bryan			
	3,815,476	Jun. 11, 1974	Green et al.			
	3,858,577	Jan. 7, 1975	Bass et al.			
	3,859,986	Jan. 14, 1975	Okada et al.			
	3,952,748	Apr. 27, 1976	Kaliher et al.			
	4,071,029	Jan. 31, 1978	Richmond et al.			
	4,085,756	Apr. 25, 1978	Weaver			
	4,198,960	Apr. 22, 1980	Utsugi			
	4,198,982	Apr. 22, 1980	Fortner et al.			
	4,202,479	May 13, 1980	Razgulov et al.			
	4,207,898	Jun. 17, 1980	Becht			
	4,286,585	Sep. 1, 1981	Ogawa			
	4,289,131	Sep. 15, 1981	Mueller			
	4,250,873	Feb. 17, 1981	Bonnet			
	4,273,109	June 16, 1981	Enderby			
	4,273,111	June 16, 1981	Tsukaya			
	4,289,133	September 15, 1981	Rothfuss			
	4,304,236	Dec. 8, 1981	Conta et al.			
	4,310,115	Jan. 12, 1982	Inoue			
	4,319,576	Mar. 16, 1982	Rothfuss			

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,334,539	Jun. 15, 1982	Childs et al.			
	4,351,466	Sept. 28, 1982	Noiles			
	4,367,729	Jan. 11, 1983	Ogiu			
	4,379,457	Apr. 12, 1983	Gravener et al.			
	4,402,311	Sep. 6, 1983	Hattori			
	4,429,695	Feb. 7, 1984	Green			
	4,442,964	Apr. 17, 1984	Becht			
	4,445,509	May 1, 1984	Auth			
	4,445,892	May 1, 1984	Hussein et al.			
	4,448,188	May 15, 1984	Loeb			
	4,473,077	Sept. 25, 1984	Noiles et al.			
	4,476,863	Oct. 16, 1984	Kanshin et al.			
	4,487,270	Dec. 11, 1984	Huber			
	4,485,817	Dec. 4, 1984	Swiggett			
	4,488,523	Dec. 18, 1984	Shichman			
	4,489,724	Dec. 25, 1984	Arnegger			
	4,494,057	Jan. 15, 1985	Hotta			
	4,494,549	Jan. 22, 1985	Namba et al.			
	4,499,895	Feb. 19, 1985	Takayama			
	4,505,272	Mar. 19, 1985	Utyamyshev et al.			
	4,505,414	Mar. 19, 1985	Filipi			
	4,520,817	Jun. 4, 1985	Green			
	4,534,420	Aug. 13, 1985	Goldelius			
	4,559,928	Dec. 24, 1985	Takayama			
	4,573,468	Mar. 4, 1986	Conta et al.			
	4,574,806	Mar. 11, 1986	McCarthy			
	4,576,167	Mar. 18, 1986	Noiles			
	4,589,412	May 20, 1986	Kensey			
	4,589,582	May 20, 1986	Bilotti			
	4,592,354	June 3, 1986	Rothfuss			
	4,593,679	June 10, 1986	Collins			
	4,603,693	Aug. 5, 1986	Conta et al.			
	4,605,001	Aug. 12, 1986	Rothfuss et al.			
	4,606,343	Aug. 19, 1986	Conta et al.			
	4,610,383	Sep. 9, 1986	Rothfuss et al.			
	4,631,052	Dec. 23, 1986	Kensey			
	4,644,952	Feb. 24, 1987	Patipa et al.			

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,646,745	Mar. 3, 1987	Noiles			
	4,655,673	Apr. 7, 1987	Hawkes			
	4,667,673	May 26, 1987	Li			
	4,671,445	Jun. 9, 1987	Barker et al.			
	4,672,961	June 16, 1987	Davies			
	4,674,515	Jun. 23, 1987	Andou et al.			
	4,696,667	Sept. 29, 1987	Masch			
	4,700,703	Oct. 20, 1987	Resnick et al.			
	4,703,887	Nov. 3, 1987	Clanton et al.			
	4,705,038	Nov. 10, 1987	Sjostrom et al.			
	4,708,141	Nov. 24, 1987	Inoue et al.			
	4,732,156	Mar. 22, 1988	Nakamura			
	4,733,118	Mar. 22, 1988	Mihalko			
	4,742,815	May 10, 1988	Ninan et al.			
	4,752,024	June 21, 1988	Green et al.			
	4,754,909	July 5, 1988	Barker et al.			
	4,756,309	Jul. 12, 1988	Sachse et al.			
	4,760,840	Aug. 2, 1988	Fournier, Jr. et al.			
	4,771,774	Sep. 20, 1988	Simpson et al.			
	4,776,506	Oct. 11, 1988	Green			
	4,781,186	Nov. 1, 1988	Simpson et al.			
	4,784,137	Nov. 15, 1988	Kulik et al.			
	4,815,469	Mar. 28, 1989	Cohen et al.			
	4,817,847	Apr. 4, 1989	Redtenbacher et al.			
	4,819,632	Apr. 11, 1989	Davies			
	4,867,158	Sep. 19, 1989	Sugg			
	4,873,977	Oct. 17, 1989	Avant et al.			
	4,887,599	Dec. 19, 1989	Muller			
	4,890,602	Jan. 2, 1990	Hake			
	4,892,244	Jan. 9, 1990	Fox et al.			
	4,892,726	Jan. 8, 1991	Taira			
	4,893,613	Jan. 16, 1990	Hake			
	4,893,622	Jan. 16, 1990	Green et al.			
	4,903,697	Feb. 27, 1990	Resnick et al.			
	4,907,591	Mar. 13, 1990	Vasconcellos et al.			
	4,907,973	Mar. 13, 1990	Hon			
	4,917,114	Apr. 17, 1990	Green et al.			

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,928,699	May 29, 1990	Sasai			
	4,930,494	June 5, 1990	Takehana et al.			
	4,936,845	Jun. 26, 1990	Stevens			
	4,955,882	Sep. 11, 1990	Hakky			
	4,957,499	Sept. 18, 1990	Lipatov et al.			
	4,962,877	Oct. 16, 1990	Hervas			
	4,976,688	Dec. 11, 1990	Rosenblum			
	4,976,710	Dec. 11, 1990	Mackin			
	4,994,060	Feb. 19, 1991	Rink et al.			
	4,995,877	Feb. 26, 1991	Ams et al.			
	5,005,749	Apr. 9, 1991	Aranyi			
	5,040,715	Aug. 20, 1991	Green et al.			
	5,059,203	Oct. 22, 1991	Husted			
	5,071,430	Dec. 10, 1991	de Salis et al.			
	5,077,506	Dec. 31, 1991	Krause			
	5,104,025	April 14, 1992	Main et al.			
	5,133,359	Jul. 28, 1992	Kedem			
	5,133,713	Jul. 28, 1992	Huang et al.			
	5,133,729	Jul. 28, 1992	Sjostrom			
	5,139,513	Aug. 18, 1992	Segato			
	5,170,925	Dec. 15, 1992	Madden et al.			
	5,171,247	Dec. 15, 1992	Hughett et al.			
	5,171,251	Dec. 15, 1992	Bregen et al.			
	5,192,292	Mar. 9, 1993	Cezana et al.			
	5,197,649	Mar. 30, 1993	Bessler et al.			
	5,201,325	Apr. 13, 1993	McEwen et al.			
	5,201,750	Apr. 13, 1993	Höcherl et al.			
	5,205,459	Apr. 27, 1993	Brinkerhoff et al.			
	5,207,691	May 4, 1993	Nardella			
	5,207,697	May 4, 1993	Carusillo et al.			
	5,237,884	Aug. 24, 1993	Seto			
	5,249,583	Oct. 5, 1993	Mallaby			
	5,258,007	Nov. 2, 1993	Spetzler et al.			
	5,258,008	Nov. 2, 1993	Wilk			
	5,261,877	Nov. 16, 1993	Fine et al.			
	5,267,997	Dec. 7, 1993	Farin et al.			
	5,268,622	Dec. 7, 1993	Philipp			

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,271,543	Dec. 21, 1993	Grant et al.			
	5,271,544	Dec. 21, 1993	Fox et al.			
	5,275,322	Jan. 4, 1994	Brinkerhoff et al.			
	5,279,565	Jan. 18, 1994	Klein et al.			
	5,285,945	Feb. 15, 1994	Brinkerhoff et al.			
	5,289,963	Mar. 1, 1994	McGarry et al.			
	5,290,299	Mar. 1, 1994	Fain et al.			
	5,292,053	Mar. 8, 1994	Bilotti et al.			
	5,312,023	May 17, 1994	Green et al.			
	5,318,221	Jun. 7, 1994	Green et al.			
	5,326,013	Jul. 5, 1994	Green et al.			
	5,330,486	July 19, 1994	Wilk			
	5,333,773	Aug. 2, 1994	Main et al.			
	5,342,299	August 30, 1994	Snoke et al.			
	5,350,104	Sep. 27, 1994	Main et al.			
	5,354,266	October 11, 1994	Snoke			
	5,383,880	Jan. 24, 1995	Hooven			
	5,395,030	March 7, 1995	Kuramoto et al.			
	5,395,033	Mar. 7, 1995	Byrne et al.			
	5,403,312	April 4, 1995	Yates et al.			
	5,403,327	Apr. 4, 1995	Thornton et al.			
	5,411,508	May 2, 1995	Bessler et al.			
	5,413,267	May 9, 1995	Solyntjes et al.			
	5,425,738	June 20, 1995	Gustafson et al.			
	5,433,721	Jul. 18, 1995	Hooven et al.			
	5,437,636	August 1, 1995	Snoke et al.			
	5,441,507	August 15, 1995	Wilk			
	5,460,182	October 24, 1995	Goodman et al.			
	5,467,911	Nov. 21, 1995	Tsuruta et al.			
	5,482,197	Jan. 9, 1996	Green et al.			
	5,485,947	Jan. 23, 1996	Olson et al.			
	5,496,269	March 5, 1996	Snoke			
	5,518,163	May 21, 1996	Hooven			
	5,518,164	May 21, 1996	Hooven			
	5,531,687	July 2, 1996	Snoke et al.			
	5,533,661	Jul. 9, 1996	Main et al.			
	5,562,702	Oct. 8, 1996	Huitema et al.			

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,582,611	December 10, 1996	Tsuruta et al.			
	5,599,347	Feb. 4, 1997	Hart et al.			
	5,653,374	Aug. 5, 1997	Young et al.			
	5,662,673	Sep. 2, 1997	Kieturakis			
	5,667,517	September 16, 1997	Hooven			
	5,735,861	April 7, 1998	Peifer et al.			
	5,749,893	May 12, 1998	Vidal et al.			
	5,779,130	Jul. 14, 1998	Alesi et al.			
	5,782,396	Jul. 21, 1998	Mastri et al.			
	5,797,835	August 25, 1998	Green			
	5,797,944	August 25, 1998	Nobles et al.			
	5,846,221	December 8, 1998	Snoke et al.			
	5,857,996	January 12, 1999	Snoke			
	5,860,953	January 19, 1999	Snoke et al.			
	5,868,760	Feb. 9, 1999	McGuckin, Jr.			
	5,925,055	July 20, 1999	Adrian et al.			
	5,954,259	Sep. 21, 1999	Viola et al.			
	5,976,156	November 2, 1999	Taylor et al.			
	5,984,919	Nov. 16, 1999	Hilal et al.			
	5,989,274	November 23, 1999	Davison et al.			
	5,993,378	November 30, 1999	Lemelson			
	6,007,531	December 28, 1999	Snoke et al.			
	6,010,493	January 4, 2000	Snoke			
	6,017,322	January 25, 2000	Snoke et al.			
	6,074,402	June 13, 2000	Peifer et al.			
	6,086,600	July, 11, 2000	Kortenbach			
	6,099,466	August 18, 2000	Sano et al.			
	6,119,913	Sep. 19, 2000	Adams et al.			
	6,126,058	Oct. 3, 2000	Adams et al.			
	6,126,591	October 3, 2000	McGarry et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 83/00992	Mar. 31, 1983	PCT			N/A	
	WO 90/05491	May 31, 1990	PCT			N/A	
	WO 92/16141	Oct. 1, 1992	PCT			N/A	
	WO 93/08754	May 13, 1993	PCT			N/A	
	WO 93/14706	August 5, 1993	PCT			N/A	
	WO 00/72765	December 7, 2000	PCT			N/A	
	77 11 347	April 19, 1979	NL			N/A	
	33 00 768	July 19, 1984	DE			N/A	
	29 03 159	July 31, 1980	DE			N/A	
	42 13 426	Oct. 29, 1992	DE			N/A	
	2,180,455	April 1, 1987	GB			N/A	
	2 044 108	Oct. 15, 1980	GB			N/A	
	2,180,455	April 1, 1987	GB			N/A	
	0 116 220	Aug. 22, 1984	EP			N/A	
	0 121 474	Oct. 10, 1984	EP			N/A	
	0 156 774	Oct. 2, 1985	EP			N/A	
	0 216 532	Apr. 1, 1987	EP			N/A	
	0 399 701	Nov. 28, 1990	EP			N/A	
	0 514 139	Nov. 19, 1992	EP			N/A	
	0 536 903	Apr. 14, 1993	EP			N/A	
	0 539 762	May 5, 1993	EP			N/A	
	0 552 050	July 21, 1993	EP			N/A	
	0 593 920	April 27, 1974	EP			N/A	
	0 598 579	May 25, 1994	EP			N/A	
	0 621 006	Oct. 26, 1994	EP			N/A	

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	